

What is claimed is :

1.A coupled circulation tube for ball screw unit being formed
of two symmetrically coupled first and second half arcuate integral
5 elbow tubes formed on the planar surface at one side of the ball
screw bearing each circulation tube being jointed to two circulation
holes; and

each of said two symmetrical half tubes being provided a
plurality of recessed grooves and flanges interposelly arrayed one
10 after another along the longitudinal tube wall to couple the two half
tubes together into a resultant U shaped arcuate elbow tube for ball
circulation such that it is firmly constructed with desired toughness
and free form deformation .

2.The coupled circulation tube of claim 1, wherein said
15 coupled circulation tube is formed of a metallic material.

3.The coupled circulation tube of claim 2, wherein said
coupled circulation tube is formed of a rigid metallic material.

4.The coupled circulation tube of claim 1, wherein said two
half tubes are coupled with each other by a plurality of recessed
20 grooves and flanges.

5.The coupled circulation tube of claim 4, wherein said
arrayed recessed grooves and flanges are formed into a tail-like
configuration.